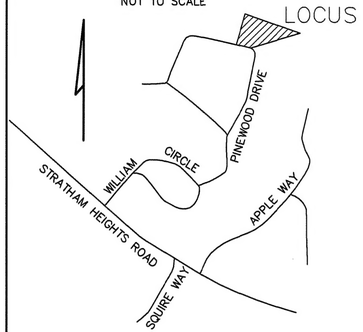
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 657 RIDGEBURY
538 SQUAMSCOTT
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 18" MAPLE EL 49.76

#2 SET NAIL 24" PINE EL 48.91

#3 BOTTOM TRIM @ COR HOUSE EL 52.14

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.0
2. THERE IS/ARE APPROX 30" FT BELOW EXISTING GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 50.5)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

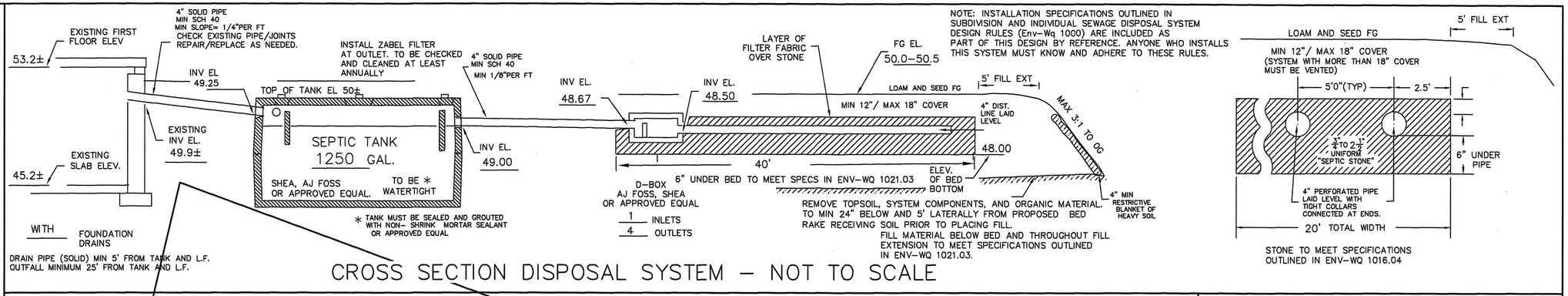
50 — EXISTING CONTOUR
(50) — PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D1137
2. NHDES SUBDIVISION APPROVAL NO 3068 (1972)
   PREVIOUS CONSTRUCTION APPROVAL ~~NOT FOUND~~ ~~(OBTAINED 1986± FOR CURRENT OWNER)~~ # 114270 (1984)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM EXIS WATER SOFTENER SYSTEM MUST BE REROUTED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
   b) NO WELLS WITHIN 75' PROPOSED
   c) NO HYDRIC B SOILS WITHIN 50' SYSTEM
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

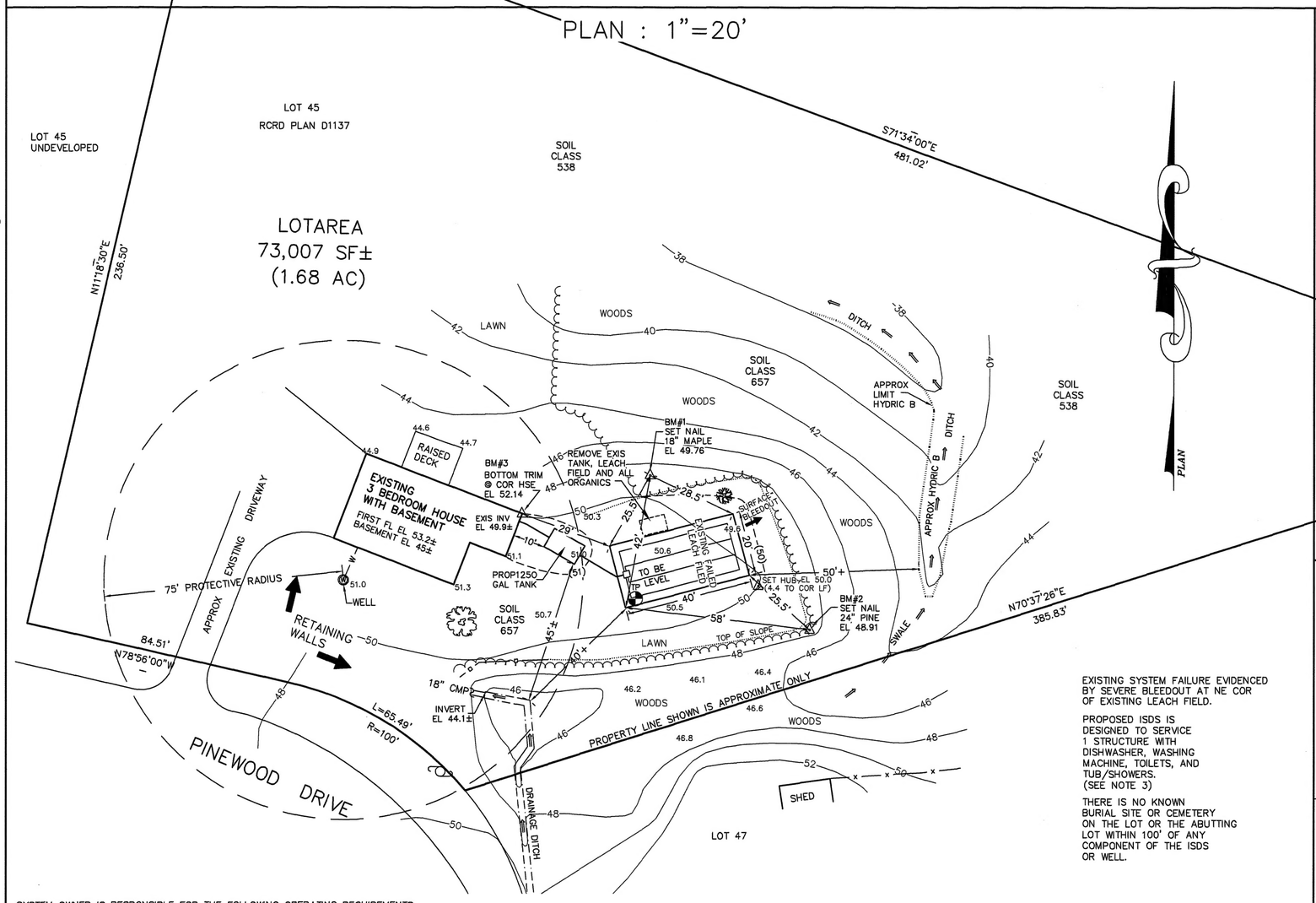
PLOT PLAN

1"=APPROX 100'



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



EXISTING SYSTEM FAILURE EVIDENCED BY SEVERE BLEEDOUT AT NE COR OF EXISTING LEACH FIELD.

PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. (SEE NOTE 3)

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: DECEMBER 12, 2012

TOWN INSPECTOR: MIKE CUOMO, RCCD

TEST PIT EL 50.5±

0 –12" TOPSOIL, 10YR3/4 FINE SANDY LOAM
12–72"± SYSTEM SAND FILL, 10YR6/6 CLEAN SAND
72–80" 2.5Y54/4 GRAVELLY SAND FILL, MOIST FRIABLE

ESHWT @ 72"+, NO OBSERVED WATER, NO REFUSAL

PT PERC TEST DATA

DESIGN RATE: 2 MIN/IN

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

AREA REQUIRED: 560 SQUARE FEET

AREA PROPOSED: 20' X 40' = 800 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 18 PINEWOOD DRIVE
STRATHAM, NH
TAX MAP 5 LOT 34

OWNER: STEPHEN & ANDREA GRENIER
18 PINEWOOD DRIVE
STRATHAM, NH 03885

NEW HAMPSHIRE Designer of Subsurface Disposal Systems — Anne W. Bialobrzeski No. 348 — Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: JANUARY 14, 2013

APPROVAL: CA2013111825
2/19/13